

Aligning Your Phone to Your Telescope

In just a few minutes, you'll be able to locate all the best objects in the night sky with the help of your StarSense Explorer telescope and smartphone. This tutorial walks you through setting up StarSense Explorer and using the app to navigate the sky.

First, you'll need to set up your phone and StarSense Explorer. We recommend practicing these next few steps during the day. To begin, set up your telescope according to the instructions in the Quick Setup Guide that came in the box.

1



1. Insert the low powered eyepiece.

2



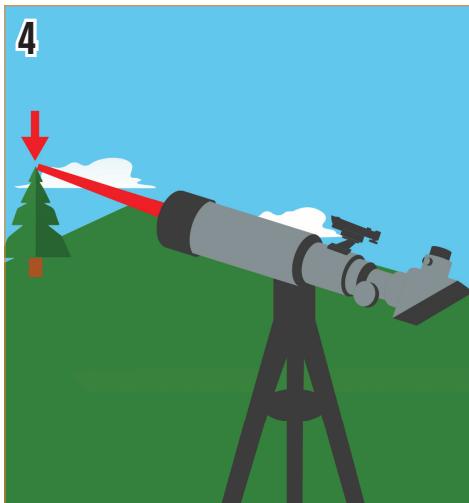
2. Then place your phone in the StarSense Dock.

3



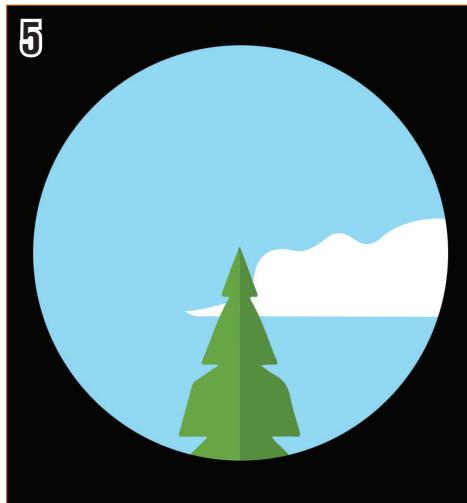
3. Next, you'll center your phone over the StarSense Dock's mirror. Turn the knobs at the bottom of the bracket until your phone's camera view is centered, unobstructed, in the mirror.

4



4. Next, we need to align the phone's view to the telescope's view. To do this, start by pointing your telescope at a very distant object. It's best to choose an object that's at least a quarter-mile away.

5



5. Center the object in your telescope's eyepiece.

6



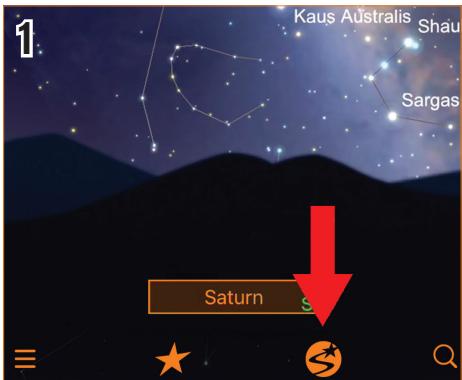
6. Slide the camera view until the same object is centered in the crosshairs.

We recommend:

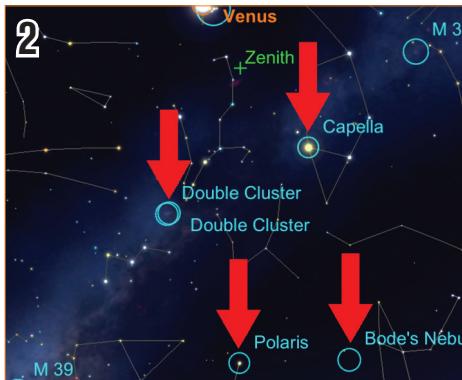
- A streetlight
- A car license plate
- A stop sign
- The top of a tree

Now we're ready for stargazing!
You'll need to wait for the sky to get dark enough that stars are visible.

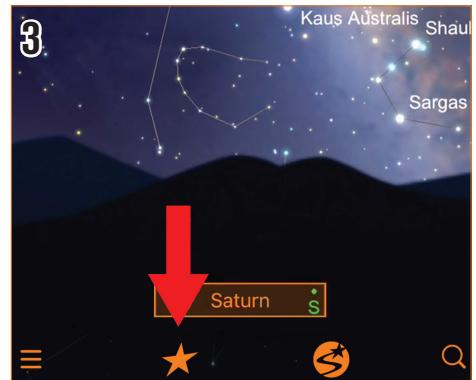
Using the StarSense Explorer App



1. First, tap the StarSense icon. The app will ask you if your telescope is aligned. If you removed your phone from the Dock since the last time you aligned, it's probably a good idea to complete the process again. Press Needs Alignment to begin. It will only take a minute.



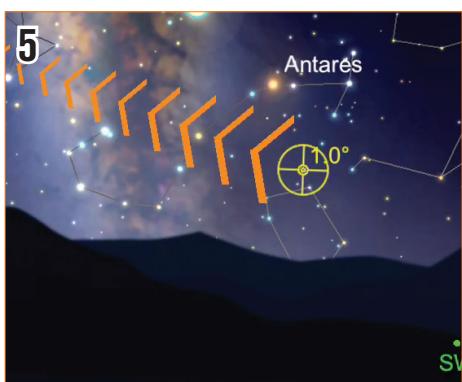
2. Tap any celestial object in the planetarium view to select it.



3. Not sure what you want to observe? Tap the Star icon to view a list of Tonight's Best objects. Tap any object in the list.



4. Once you select an object, its name will appear on the bottom of the planetarium view.



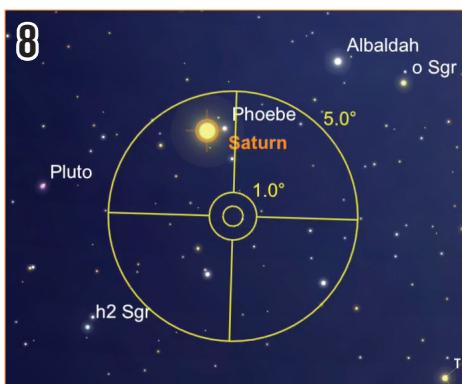
5. The bullseye indicates where the telescope is pointing.



6. Using the telescope's slow-motion controls, follow the arrows to move the telescope towards the object.



7. As you get closer to the object, stop and wait several seconds so that the telescope can sense the stars in your new location.



8. If the telescope has detected stars, but is still not over your intended target, the bullseye will turn yellow. Continue to follow the arrows closer to the target.



9. If you stop and wait for a few seconds and the bullseye turns green, you have successfully located your object! It's now ready to view in your low powered eyepiece.